Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

PROJECT SUB-DIVISION-01

Name of Work: Modified Estimate for Providing Chain link fencing to Chikkasandra Gundu Topu, in Shettyhalli in Ward-12

Est .Cost Rs. 15.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB-2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) 2.3.5 Page No. 5/ Item No. 2.4/ PWD SR 2014-15	cum							
	For SSM Foundation								
	For Providing Chain link Fencing		1	121.00	0.90	1.00	108.90		
							108.90	259.70	**28281.00**
	Basic Rate	245.00							
	Area Weightage @ 6%	14.70							
	Total	**259.70**							
2	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2014-15	cum							
	Chaires Base		10	2.20	1.00	0.10	2.20		
							2.20	144.16	**317.00**
	Basic Rate	136.00							
	Area Weightage @ 6%	8.16							
	Total	**144.16**							
3	KSRB 4-1.7: Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220Kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 13/ Item No. 4.7/ PWD SR 2014-15	cum							
	For SSM Foundation								

	For Providing Chain link Fencing		1	121.00	0.90	0.15	16.34		
							16.34	5189.76	**84775.00**
	Basic Rate	4896.00							
	Area Weightage @ 6%	293.76							
	Total	**5,189.76**							
4	KSRB 5.2.3 Providing and constructing granite / trap / basalt size stone masonry in foundation in cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2014-15	Cum							
	For Providing Chain link Fencing								
	Base Course		1	121.00	0.75	0.40	36.30		
	First, Second course		1	121.00	0.60	0.40	29.04		
							65.34	3,765.12	**246013.00**
	Basic Rate	3,552.00							
	Area Weightage @ 6%	213.12							
	Total	**3,765.12**							
5	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2014-15	Cum							
	For Providing Chain link Fencing		1	121.00	0.65	0.45	35.39		
			1	121.00	0.60	1.00	72.60		
							107.99	4458.36	**481469.00**
	Basic Rate	4206.00							
	Area Weightage @ 6%	252.36							
	Total	**4,458.36**							
6	KSRB 15.1.5: Providing raised and cut pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.5 / PWD SR 2014-15	Sqm							
	For Providing Chain link Fencing		1	121.00		1.45	175.45		
							175.45	133.56	**23433.00**
	Basic Rate	126.00							
	Area Weightage @ 6%	7.56							
	Total	**133.56**							

7	KSRB 4-1.5: Providing and laying in position plain cement concrete of mix M-20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64cum and fine aggregate @ 0.43cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms. Thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2, Page No. 12/ Item No. 4.5/ PWD SR 2014-15	cum							
	For Providing Chain link Fencing		1	121.00	0.45	0.10	5.45		
	For Chair Base		10	2.20	1.00	0.15	3.30		
							8.75	5744.14	**50233.00**
	Basic Rate	5419.00							
	Area Weightage @ 6%	325.14							
	Total	**5,744.14**							
8	Providing & fixing M.S. Gate as per Chief Architect drawing, using 50mmx50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mmx6mm and 16x16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. Page No. 42/ Item No. 7.37/ PWD SR 2014-15								
	Main Gate	Sqm	1	4.00		1.80	7.20		
							7.20	3362.32	**24209.00**
	Basic Rate	3172.00							
	Area Weightage @ 6%	190.32							
	Total	**3,362.32**							
9	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with Suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint. Page No. 252/ Item No. 37.3/ PWD SR 2014-15	Sqm							
	For Providing Chain link Fencing		1	121.00		1.80	217.80		
							217.80	669.92	**145909.00**
	Basic Rate	632.00							
	Area Weightage @ 6%	37.92							
	Total	669.92							

10	Supplying and fixing M.S Rectangular poles made out of 2 equal angles of 65X65X6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all Materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in-Charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) Page No. 252/ Item No. 37.2/ PWD SR 2014-15	M						
	For Boundary fencing		1	59.00	2.25	132.75		
						132.75	1,093.92	**145218.00**
	Basic Rate	1,032.00						
	Area Weightage @ 6%	61.92						
	Total	**1,093.92**						
11	Providing and fixing M.S block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe and fixing pipe in between the two vertile poles (M.S. rectangular poles) and spot welding the chain link with M.S block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-Charge of work etc., Complete including two coats of approved quality paint over one coat of shop paint. Page No. 252/ Item No. 37.4/ PWD SR 2014-15	M						
	For Providing Chain link Fencing		3	121.00		363.00		
						363.00	316.94	**115049.00**
	Basic Rate	299.00						
	Area Weightage @ 6%	17.94						
	Total	316.94						
12	Providing and fixing RCC name board of size 1.35xK 0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirpes as shown in drawing. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineering charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc., the work shall be carried out as per the detailed specifications, drawings, and directions of the Engineer in charge of the work. Page No. 256/ Item No. 37.60/ PWD SR 2014-15							
		Each				**1.00**	5,088.00	**5088.00**
	Basic Rate	4,800.00						
	Area Weightage @ 6%	288.00						
	Total	5,088.00						
								1349994.00
13	Add: 10% KRIDL Charges + Cess 1%							**148499.00**